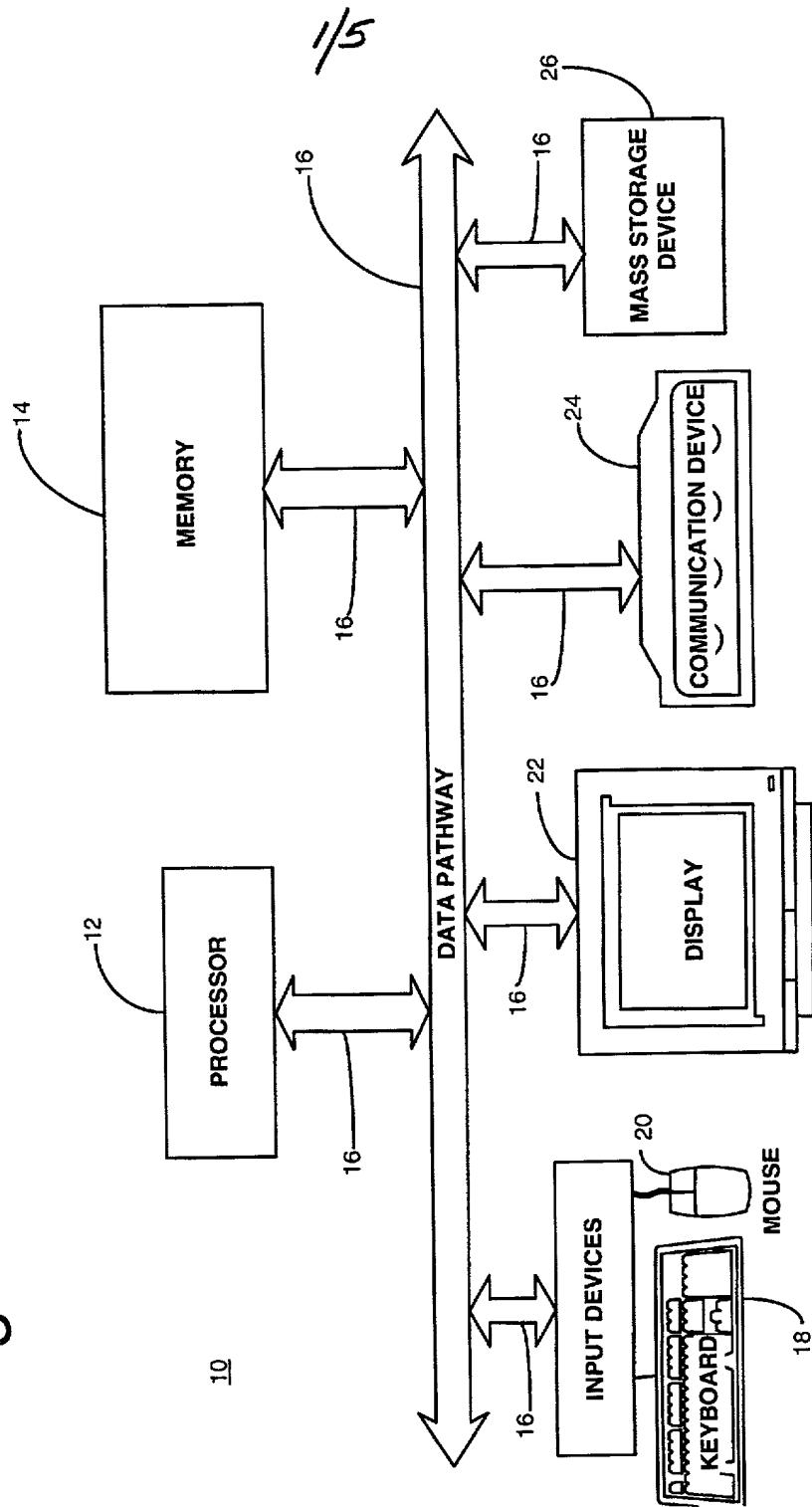


Fig. 1



2/5

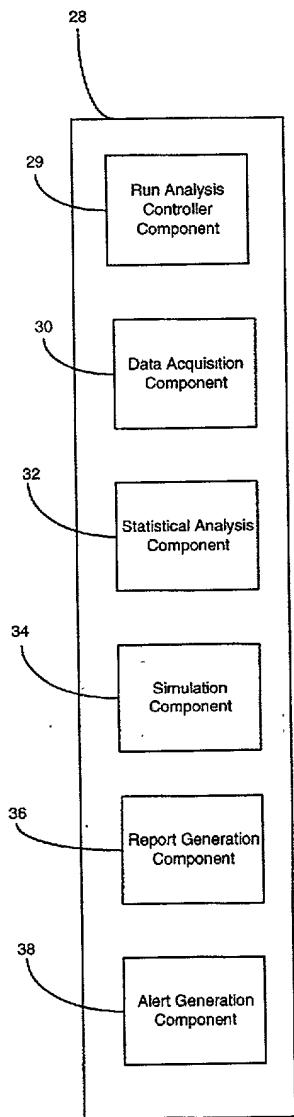


Fig. 2

3/5

40

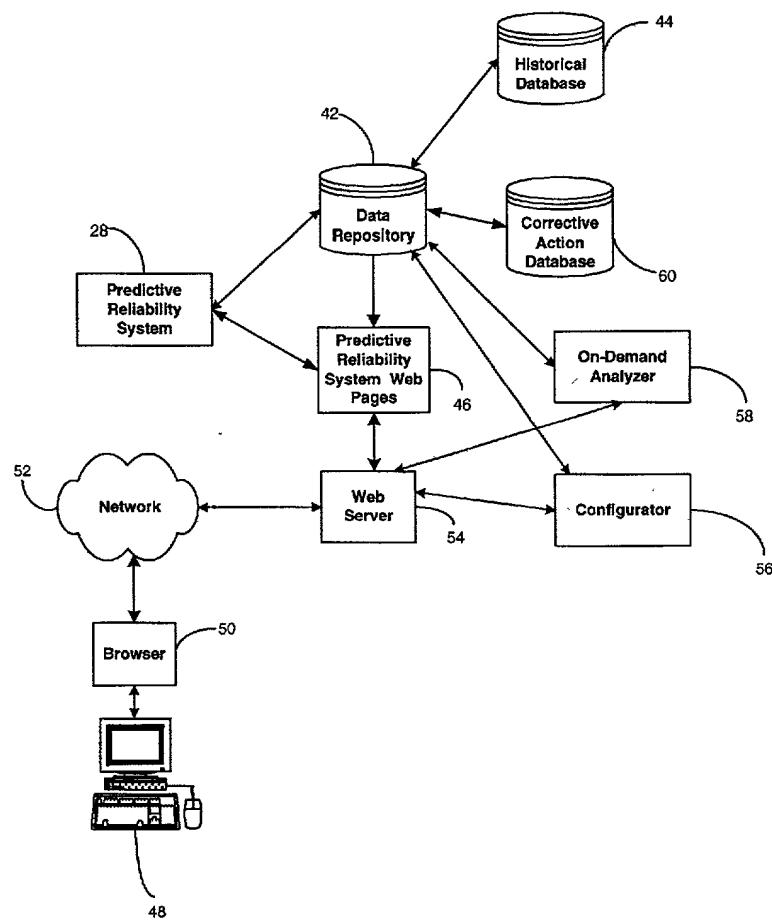


Fig. 3

45

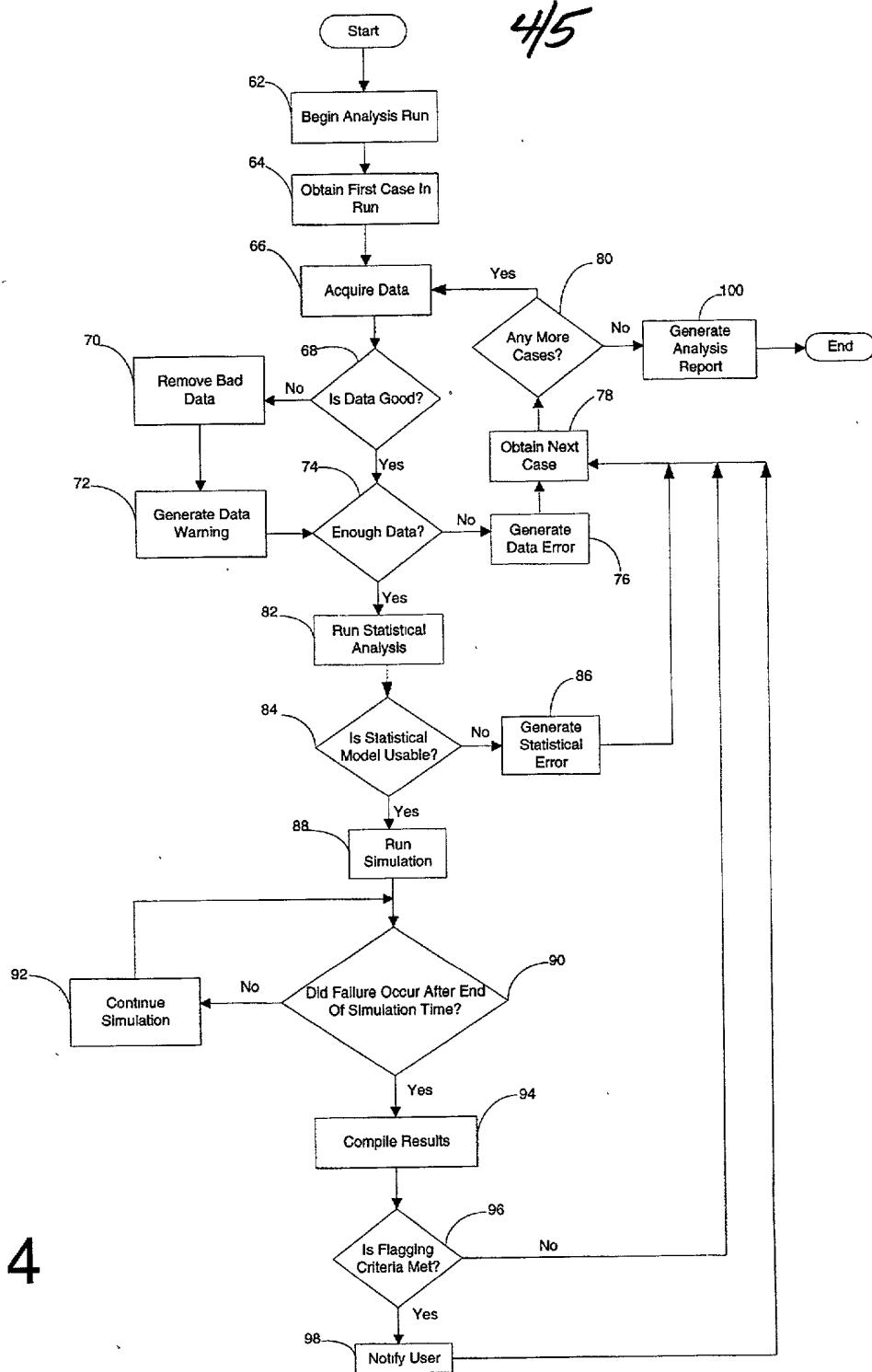


Fig. 4

5/5

OUTPUT OF FLAGGED

Early Warning System	
Data Inputs	C:\My_Documents\INTERCOOLERS new\intercooler data.xls
Workbook	car_INTERCOOLERS new\intercooler data.xls
Workbooks	open data all books no revert
Customer	CH
Model	D9
Plots:	3, 4, & 5
RU Code(s)	X701
RU Description	Intercooler
Engineering Sub-System	Engine
Data Range	
Start Date (hh)	
End Date (hh)	
Expectation Inputs	
Expected F/S	0.9115
Simulation Inputs	
Periods	8
Days	180
Number of Life Cycles	8
Number of C2 Iterations	1000
Weibull Parameter Estimates	
beta	1.6
eta	1575.96
Output Summary	
Predictions	Period 1 +Period 2 +Period 3 +Period 4
Failures	19.61 21.66 23.18 24.26
F/S	0.1931 0.2133 0.2281 0.2388
Failure Details	Period 1 Period 2 Period 3 Period 4
Failures	19.61 21.66 23.18 24.26
Lower 5%	12.00 15.00 15.00 17.00
Upper 5%	27.00 29.00 31.00 32.00
F/S Details	Period 1 Period 2 Period 3 Period 4
F/S	0.1931 0.2133 0.2281 0.2388
Lower 5%	0.1181 0.1477 0.1477 0.1673
Upper 5%	0.2658 0.2851 0.3001 0.3150

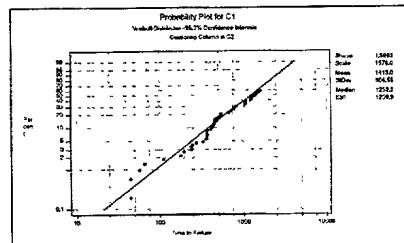
Recap
Input
Data

Weibull
Parameters

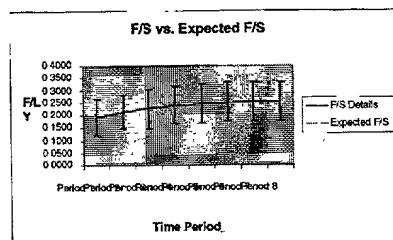
Time
Period

Failures

Failure/System



WeibullPlot



Predictions v.s. Expected over

Fig. 5